BILL NO. S-83-06- 40

SPECIAL ORDINANCE NO. S- 134-83

AN ORDINANCE approving Change Order No. 7 - A.W.T. C180774-03 - Water Pollution Control Plant, with Hagerman-Shambaugh (joint bidders), in connection with the Board of Public Works.

NOW, THEREFORE, BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA:

SECTION 1. That Change Order No. 7 - A.W.T. C180774-03 - Water Pollution Control Plant, with Hagerman-Shambaugh (joint bidders), in connection with the Board of Public Works for:

Change Order No. 7 - A.W.T. C180774-03 - Water Pollution Control Plant, is a change order of 11 items, 9 of which were not included in contractors bid. These 9 items were recommended for installation by our consultant and approved by plant superintendent. 2 items were included in bid item and not required;

involving a net increase of Twenty-One Thousand Three Hundred Fifty-Nine and No/100 Dollars ($21,359.00), all as more particularly set forth in the specifications, and which is on file with the Office of the Board of Public Works, and is by reference incorporated herein, made a part hereof and is hereby in all things ratified, confirmed and approved.

SECTION 2. That this Ordinance shall be in full force and effect from and after its passage and any and all necessary approval by the Mayor.

Victoria Scrugg
Councilmember

APPROVED AS TO FORM
AND LEGALITY

Bruce O. Boxberger, City Attorney

Read the first time in full and on motion by Scruggs, seconded by Gia Quinta, and duly adopted, read the second time by title and referred to the Committee City Utilities (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on ~~_____~~, the _____ day of _____, 19___, at _____ o'clock P.M.,E.S.T.

DATE: 6-28-83 Sandra E. Kennedy
CITY CLERK

Read the third time in full and on motion by Scruggs, seconded by Gia Quinta, and duly adopted, placed on its passage. PASSED ~~(LOST)~~ by the following vote:

	AYES	NAYS	ABSTAINED	ABSENT	TO-WIT:
TOTAL VOTES	9				
BRADBURY	✓				
BURNS	✓				
EISBART	✓				
GiaQUINTA	✓				
SCHMIDT	✓				
SCHOMBURG	✓				
SCRUGGS	✓				
STIER	✓				
TALARICO	✓				

DATE: 7-12-83 Sandra E. Kennedy
- CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as ~~(ZONING MAP)~~ ~~(GENERAL)~~ ~~(ANNEXATION)~~ (SPECIAL) ~~(APPROPRIATION)~~ ORDINANCE ~~(RESOLUTION)~~ NO. S-134-83 on the 12th day of July, 19 83.

ATTEST: Sandra E. Kennedy
CITY CLERK

(SEAL) Ray A Talarico
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 13th day of July, 19 83, at the hour of 10:00 o'clock A.M.,E.S.T.

Sandra E. Kennedy
CITY CLERK

Approved and signed by me this 14th day of July 19 83, at the hour of 1 o'clock P.M.,E.S.T.

WIN MOSES, JR. - MAYOR

Job No. 5614-47-01.8D

PROJECT Water Quality Control Project OWNER City of Ft. Wayne

DIVISION/SECTION AWT - Phases A, B, and C (EPA Project No. C180774-03)

CHANGE ORDER NO. 7

TO: Hagerman-Shambaugh, Joint Bidders

510 W. Washington Blvd., P. O. Box 10690

Ft. Wayne, Indiana 46853-0690

You are hereby authorized to make the following additions and/or deductions to your contract amount.

	Previous Contract Amount	Increase	Decrease	Net Change (~~Deduct~~) (Add)	Revised Contract Amount
TOTAL	$ 12,486,634.75	$ 23,202.00	$ 1,843.00	$ 21,359.00	$ 12,507,993.75

Description of Change:	Add	Deduct
Item No. 1 Provide all necessary labor and materials to install integral stainless steel three-valve manifolds for differential pressure transmitters Nos. 1630, 1631, 1632, 1633, 1634, and 1635, as shown on Instrumentation Sheet No. 36.	$1,344.00	
Item No. 2 Provide all necessary labor and materials to revise the 10-inch plant water suction line as shown on attached sketch No. 1. In lieu of connection to the flow diversion structure, the suction line shall be connected to Final Clarifier No. 5.	$ 196.00	
Item No. 3 Provide all necessary labor and materials to relocate the HVAC duct in the laboratory as shown on attached Sketch No. 2.	$ 242.00	
Item No. 4 Provide all necessary labor and materials to revise the cover plates at air lift pump Nos. 6, 7, 8, and 9 per attached Sketch No. 3. The location of the plates are as shown on plan sheet GD-3(31).	$1,964.00	

Description of Change:	Add	Deduct
Item No. 5		
Provide all necessary labor and materials to furnish wiring from the S&C Switchgear CT's and PT's for current and voltage monitoring of Bus No. 1 and 2 at the electric distribution graphic (UCP) in the main control room. Wiring to consist of 8 #8 THN wires for current monitoring and 6 #8 THN wires for voltage monitoring pulled in existing spare conduit.	$3,745.00	
Item No. 6		
Provide all necessary labor and materials to monitor breaker status of 4160 volt switchgear in the new blower building at the Control Panel Graphic. Sixteen additional graphic lights are to be installed in the Control Panel Graphic. The wiring shall consist of 32 #16 THHN wires pulled in a new 2" conduit.	$11,823.00	
Item No. 7		
Provide all necessary labor and materials to make the following changes in the Aeration Building offices.		
a) Delete demolition of the existing air handling system and unit heater shown in the office areas.		$ 362.00
b) Install the three new heating/air conditioning units in the windows in lieu of below the windows as shown on Plan Sheet A-8 (16).		191.00
c) Delete the painting of the existing ceilings in the three new offices.		150.00

PROJECT Water Quality Control Project

Job. No. 5614-47-01

CHANGE ORDER NO. 7

PAGE 3

Description of Change:	Add	Deduct
Item No. 8 Provide all necessary labor and material to revise the construction of the concrete base pad for the interrupter switchgear as shown on attached Sketch No. 4.	$2,482.00	
Item No. 9 Provide all necessary labor and material to install a floodlight at each of the five new sludge indicating boxes at the new final clarifiers. The installation shall be similar to that of existing tank Nos. 6-9.	$ 736.00	
Item No. 10 Provide all necessary labor and material to install three (3) poles and lights on concrete bases at the sludge holding tank. The three (3) Type "M" fixtures are to be deleted. The poles and lights to be provided by the City.	670.00	
Item No. 11 Delete the electrical modification work shown in the existing laboratory.		$ 1,140.00
TOTALS:	$23,202.00	$ 1,843.00
NET CHANGE - ADD:	$21,359.00	

TIME:

These changes shall not affect the time for completion of the project.

PREPARED BY:

HOWARD NEEDLES TAMMEN & BERGNEDOFF

By Ray N. Hooker

Title Project Manager Date 6/8/83

ACCEPTED:

HAGERMAN-SHAMBAUGH, Joint Bidders
ACCEPTED FOR HAGERMAN CONSTRUCTION CORP.
CONTRACTOR

By Ralph F. Hagerman

Title Pres Date 6/10/83

ACCEPTED FOR SHAMBAUGH & SON, INC.
CONTRACTOR

By James D. Henry

Title Vice Pres Date 6-13-83

APPROVED:

CITY OF FORT WAYNE, INDIANA
OWNER

By _____
Stephen A. Bailey, Chairman

Betty R. Collins
Betty R. Collins, Member

~~Roberta Anderson Staton, Member~~

Title BOARD OF PUBLIC WORKS

Date 6/15/83

APPROVAL
Recommended for [redacted]
Department of Water Resources

Date 6/14/83 By D. R. Boller

WATER QUALITY CONTROL PROJECT

AWT - PHASES A, B & C
CITY OF FORT WAYNE, INDIANA

JUSTIFICATION FOR CHANGE

CHANGE ORDER NO. 7

I. NECESSITY FOR CHANGE:

Item No. 1

The installation of the three-valve manifold on the differential pressure transmitter greatly simplifies the routine maintenance and calibration activities which are an essential part of maintaining flow metering accuracy.

Item No. 2

Connection of the suction line for these two plant water pumps was originally to have come from the diversion structure. During an emergency situation, when by-passing of secondary effluent to the river becomes necessary, the water level in the diversion structure falls too low and there will be no plant water supply available. Since vital elements of the plant require this water supply, the pumping system must be maintained at all times. Relocation of the suction piping to Final Clarifier No. 5 will provide this required source of water.

Item No. 3

Existing electrical conduit which needs to be accessible was found to be unaccessible if the new duct were installed in its original location. The duct relocation will permit access to the conduit without any adverse affect upon HVAC functions.

Item No. 4

Actual operating experience with the cover plates showed that additional measures were required to prevent leaking and splashing of return sludge at the return sludge pits. This revision should rectify the current leaking and splashing condition.

Item No. 5

Monitoring the current and voltage of the incoming power to the treatment facility is an essential element in the overall energy management and control process.

JUSTIFICATION FOR CHANGE
CHANGE ORDER NO. 7 (Cont'd)

Item No. 6

Monitoring the status of the circuit breakers of the 4160 volt switchgear in the new blower building at the Control Panel Graphic is an essential element in providing total electrical system condition information at one location.

Item No. 7

Demolition of the existing HVAC ducting, unit heater, and painting the ceilings is unnecessary since a suspended ceiling system will be installed. Installation of the new heating/air conditioning units in the windows in lieu of through the wall will provide the same function at less cost.

Item No. 8

Based upon experience with the Maumee River flood in March 1982, the switchgear base was raised to elevation 756.00 to protect the electrical equipment from flooding during a repeat flood intensity.

Item No. 9

Lighting of the sludge indicating wells at the final clarifiers provides the plant operations personnel the ability to monitor this important condition during evening operational rounds.

Item No. 10

The installation of the poles and lights will provide additional security around the sludge handling facilities as well as a safe environment for the operational staff making evening rounds.

Item No. 11

Construction of the completely new laboratory facilities eliminates the necessity for making these electrical modifications to the existing lab.

JUSTIFICATION FOR CHANGE
CHANGE ORDER NO. 7 (Cont'd)

II. WILL PROPOSED CHANGES ALTER SIZE OF PROJECT?

The proposed changes described herein will not significantly alter the existing design flow or size of this project.

III. EFFECT ON OPERATION AND MAINTENANCE OF THIS PROJECT:

The above items are such that they should not adversely affect operability and maintenance at the plant.

IV. TIME OF COMPLETION:

These changes will not affect the time of completion of the project.

Prepared by:
HOWARD NEEDLES TAMMEN & BERGENDOFF
ARCHITECTS ENGINEERS PLANNERS
INDIANAPOLIS, INDIANA
June 6, 1983

BILL NO. S-83-06-40

REPORT OF THE COMMITTEE ON CITY UTILITIES

WE, YOUR COMMITTEE ON City Utilities TO WHOM WAS REFERRED AN ORDINANCE approving Change Order No. 7 - A.W.T. C180774-03 - Water Pollution Control Plant, with Hagerman-Shambaugh (joint bidders), in connection with the Board of Public Works

HAVE HAD SAID ORDINANCE UNDER CONSIDERATION AND BEG LEAVE TO REPORT BACK TO THE COMMON COUNCIL THAT SAID ORDINANCE DO PASS.

VICTURE L. SCRUGGS, CHAIRMAN Victure Scruggs

SAMUEL J. TALARICO, VICE CHAIRMAN

DONALD J. SCHMIDT

MARK E. GiaQUINTA

PAUL M. BURNS

Concurred 7/12/83 Sandra E. Kennedy

Admn. Appr. 631

TITLE OF ORDINANCE Change Order No. 7 - A.W.T. C180774-03 - Water Pollution Control Plan

DEPARTMENT REQUESTING ORDINANCE Board of Public Works S-83-06-40

SYNOPSIS OF ORDINANCE Change Order No. 7 - A.W.T. C-180774-03 - Water Pollution Control Plant, is a change order of 11 items, 9 of which were not included in contractors bid. These 9 items were recommended for installation by our consultant and approved by plant superintendent. 2 items were included in bid item and not required. Hagerman-Shambaugh, Joint Bidders.

EFFECT OF PASSAGE Continue progress on above project.

EFFECT OF NON-PASSAGE

MONEY INVOLVED (DIRECT COSTS, EXPENDITURE, SAVINGS) $21,359.00 increase

ASSIGNED TO COMMITTEE